

(3) transmitting one or more second signals containing said mass medium programming and said one or more control instructions;

controlling a first receiver station in said network on the basis of said transmitted one or more second signals, including:

(1) communicating data contained in said one or more second signals to a processor;

(2) selecting at least some of said data to complete or supplement said mass medium programming;

(3) storing said least some of said data; and

(4) presenting at one or more output devices said mass medium programming and first output information content, said first output information content serving to complete or supplement said mass medium programming and being based on said at least some of said data;

controlling said first or a second receiver station on the basis of said transmitted one or more second signals, including:

(1) inputting information of the reaction of a subscriber to a presentation of at least one of said mass medium programming and data contained in said one or more second signals;

(2) generating second output information content by processing said inputted information of the reaction of a subscriber; and

(3) outputting said generated second output information content.

3. (Unchanged) The method of claim 2, wherein said step of outputting said second output information content is to a transmitter at said first or said second receiver station, said method further comprising the step of

transmitting said generated output information content to a remote receiver station.

4. (Unchanged) The method of claim 2, wherein said step of outputting said second output information content is to a user, said method further having at least one step from the group consisting of:

· displaying said generated second output information content at a video monitor;

emitting audio on the basis of said generated second output information content; and

printing said generated second output information content.

5. (Unchanged) A method of processing signals in a network, comprising the steps of:

(1) receiving a first signal at a transmitter station;

(2) selecting mass medium programming in response to said step of receiving;

(3) selecting data and incorporating said selected data into one or more control instructions effective to cause one or more receiver stations to:

(a) store, a first time, said data transmitted from said transmitter station,

(b) select and store, a second time, at least some of said data which is effective to complete or supplement said mass medium programming,

(c) present at one or more output devices said mass medium programming and first output information content based on said data stored a

second time in order to complete or supplement said mass medium programming,

(d) input a reaction of a subscriber to said presentation,

(e) generate second output information content by processing said inputted reaction, and

(f) output said generated second output information content; and

(4) transmitting one or more second signals containing said mass medium programming and said one or more control instructions.

6. (Unchanged) A method of processing signals in a network, comprising the steps of:

(1) receiving a first signal at a transmission station;

(2) generating one or more second signals in response to said first signal, said second signals containing mass medium programming and one or more control instructions which are effective at one or more receiver stations to:

(a) present said mass medium programming and first output information content which is effective to complete or supplement said mass medium programming, and

(b) output second information content based on a subscriber reaction to a presentation of at least one of said mass medium programming and said first output information content; and

(3) transmitting said one or more second signals.

7. (Unchanged) A method of processing signals in a network, comprising the steps of:

(1) receiving, at a receiver station, one or more signals containing mass medium programming and one or more control instructions; and

(2) processing said one or more signals to present at one or more output devices said mass medium programming and some first information content to complete or supplement said mass medium programming, and to generate second information content based on a subscriber reaction to at least one of said mass medium programming and said first information content.

8. (Unchanged) A method of processing signals in a network, comprising the steps of:

(1) receiving a first signal;

(2) receiving an instruct signal which is effective to cause a transmission station to incorporate information into one or more second signals based on said first signal, said second signals containing mass medium programming and one or more control instructions which are effective to (i) enable a receiver station to present said mass medium programming and first output information content which supplements or completes said mass medium programming, and to (ii) output second information content based on a subscriber reaction to said presentation of at least one of said mass medium programming and said first output information content;

(3) receiving a transmitter control signal which operates at said transmitter station to communicate said one or more second signals to a transmitter; and

(4) transmitting said one or more second signals and said transmitter control signal.

9. (Unchanged) A method of enabling a television or radio programming storage device to deliver programming, said storage device comprising one or more storage locations capable of storing television or radio programming, a transmission device capable of communicating television or radio programming to or from said one or more storage locations, and a processor capable of controlling at least one of said transmission device and at least one of said one or more storage locations to receive, store, or communicate television or radio programming, comprising the steps of:

receiving a signal containing television or radio programming, said television or radio programming having an identification datum and a programming element which is incomplete as regards a class of data;

communicating said signal containing television or radio programming to at least one of said one or more storage locations;

storing said signal containing television or radio programming at said at least one of said one or more storage locations; and

storing one of an intermediate generation set and a program instruction set at said television or radio programming storage device, said one of an intermediate generation set and a program instruction set including at least some portion of a control signal which designates at least one of said incomplete programming element and said class of data and which upon command is operative to complete said incomplete programming element,

whereby said television or radio programming storage device is enabled to deliver a complete programming presentation based on user input.

10. (Unchanged) The method of claim 9, wherein said class of data designates programming distributor data, said method further comprising the step of:

receiving and storing said programming distributor data.

11. (Unchanged) The method of claim 9, wherein said class of data designates subscriber data, said method further comprising the step of:

receiving and storing said subscriber data.

12. (Unchanged) The method of claim 9, wherein said control signal comprises sequentially transmitted control instructions, said method further comprising the step of:

receiving and storing in said control signal at least two control instructions in a specific order with information designating a time period.

13. (Unchanged) The method of claim 12, wherein said sequentially transmitted control instructions comprise a message stream, said method further comprising the step of:

receiving and storing instructions which are effective to instruct said processor to process at least one message of said message stream.

14. (Unchanged) The method of claim 9, wherein said one of said intermediate generation set and said program instruction set operates to generate said control signal by processing information of said class of data, said method further comprising the step of:

receiving and storing generally applicable information of said control signal.

15. (Unchanged) The method of claim 14, wherein said generally applicable information of said control signal comprise at least some of a processor instruction, said method further comprising the step of:

receiving and storing one of assembly language code and a signal word to be assembled.

16. (Unchanged) The method of claim 14, wherein said generally applicable information of said control signal comprise higher language code and said one of said intermediate generation set and said program instruction set operates to generate said control signal by completing a module containing said higher language code, said method further comprising the step of:

receiving and storing instructions which operate to perform one of the functions of compiling and linking said one of said module and said higher language code.

17. (Unchanged) The method of claim 9, wherein in response to a specific control instruction said processor is organized to generate a user specific datum as part of a series of user specific data, and a processor interrupt signal is inputted to said processor to enable the communication of at least one specific user specific datum to an output device at a specific time, said method further comprising the step of:

receiving and storing at least some of said specific control instruction and said interrupt signal.

18. (Unchanged) The method of claim 17, wherein said interrupt signal is inputted to said processor in response to a first control instruction and said interrupt signal causes said processor to clear a specific memory location and place said generated user specific datum at the specific memory location to form a subsequent output, said method further comprises the step of:

receiving and storing said first control instruction.

19. (Unchanged) The method of claim 18, wherein a second control instruction causes said processor to cease communicating at least one receiver specific datum to said output device and to commence generating said series of user specific data, said method further comprising the step of:

receiving and storing said second control instruction.

20. (Unchanged) The method of claim 9, wherein a control program causes a controller operatively connected to said storage device to control at least one peripheral device, said method further comprising the step of:

receiving and storing said control program.

21. (Unchanged) The method of claim 9, wherein a user specific datum is placed at a memory location operatively connected to said processor and is not automatically communicated to an output device when placed at said memory location, said method further comprising the step of:

receiving and storing a control instruction which is effective to instruct the processor to output said memory location to said output device.

22. (Unchanged) The method of claim 9, wherein said storage device comprises a memory and wherein said television or radio programming and said one of said intermediate generation set and said program instruction set are stored on said memory.

23. (Unchanged) The method of claim 9, wherein said storage device comprises a network.

24. (Unchanged) The method of claim 23, wherein said user input is communicated to a transmission station in said network.

25. (Unchanged) The method of claim 23, wherein said user input is received at an ultimate receiver station in said network.

26. (Unchanged) The method of claim 9, wherein said storage device comprises a transmitter station.

27. (Unchanged) The method of claim 26, wherein said user input includes a schedule, said method further comprising the step of storing said schedule.

28. (Unchanged) The method of claim 26, further comprising the step of detecting said user input in one of a television signal and a radio signal.

29. (Unchanged) The method of claim 26, further comprising the step of detecting said user input in a signal received from a satellite.

30. (Unchanged) The method of claim 26, further comprising the step of detecting said user input in a telephone signal.

31. (Unchanged) The method of claim 9, wherein said step of receiving comprises tuning.

32. (Unchanged) The method of claim 9, wherein said step of communicating is performed by one of a computer and a switch.

33. (Unchanged) The method of claim 7, wherein said step of processing is performed in accordance with said one or more control signals, said method further comprising the step of communicating said control instructions to a processor.

34. (Unchanged) The method of claim 7, wherein said mass medium programming comprises audio, said method further comprising the step of communicating one of said first information content and said second information content to one of a speaker and a video monitor.

35. (Unchanged) The method of claim 7, wherein said mass medium programming comprises video, said method further comprising the step of outputting said second information content in a telephone transmission.

Please add the following new claims.

EI
SUB 657

36. (New Claim) A method of signal processing in a network, said method comprising the steps of:

transmitting a signal to at least one of a plurality of stations;

controlling a transmitter station on the basis of said signal, the first step of controlling comprising:

- (1) assembling at least some of a message stream containing at least one processor control instruction; and
- (2) transmitting mass medium programming and said message stream containing said at least one processor control instruction;

controlling a first receiver station on the basis of said signal, the second step of controlling comprising:

- (1) receiving some of said mass medium programming and said message stream containing said at least one processor control instruction; and
- (2) communicating at least some of said mass medium programming and said at least one message stream containing said at least one processor control instruction to a plurality of processor and output devices; and

controlling a second receiver station on the basis of said signal, the third step of controlling comprising:

- Sub
E1/65
Conts
- (1) selecting generally applicable output information content and communicating said selected generally applicable output information content to an output device; and
 - (2) presenting said mass medium programming and said selected generally applicable output information content at at least one output device.

37. (New Claim) The method of claim 36, further comprising the steps of:
generating said at least some of said message stream assembled in said first step
of controlling; and
storing said generated at least some of said message stream before performing
said step of assembling.

38. (New Claim) The method of claim 36, further comprising the steps of:
inserting data, selected at one of an intermediate transmission station and an
ultimate receiver station in said network, into higher language code; and
storing said higher language code and said inserted data before performing said
step of assembling.

39. (New Claim) The method of claim 36, wherein said mass medium
programming is communicated in response to a control signal, said method further
comprising the steps of:
selecting at least one of a television, radio, print, and combined medium
programming,; and

controlling a selective transmission device to communicate said selected at least one of television, radio, print, and combined medium programming to at least one of a processor and an output device.

E1
Comment

40. (New Claim) A method of signal processing in a network, said method comprising the steps of:

selecting mass medium programming at a transmitter station;

selecting data and communicating said selected data at said transmitter station, said selected data effective at at least one receiver station to serve as a basis for (1) assembling at least some portion of at least one processor instruction, (2) communicating at least some of said mass medium programming based on said assembled at least one processor instruction, and (3) presenting said mass medium programming and generally applicable output content at one or more output devices; and

transmitting said selected mass medium programming and said selected data.

41. (New Claim) The method of claim 40, wherein said selected mass medium programming includes at least one of a video, audio, graphics, text, and a combined medium program or program segment.

~~42. (New Claim) A method of signal processing in a network, said method comprising the steps of:~~

~~receiving mass medium programming;~~

~~receiving at least one instruct signal which is effective to perform one of the following:~~

- ← 1
Const
- (a) effecting a first transmitter station to select at least some data or portion of at least one processor instruction to be assembled and communicate said selected data or portion to a first transmitter; and
 - (b) effecting a receiver station to assemble at least some portion of said at least one processor instruction, communicate at least some of said mass medium programming, and present said mass medium programming and some generally applicable output content at at least one output device;

receiving a transmitter control signal which operates at a second transmitter station to communicate one of said at least one instruct signal and said mass medium programming to a second transmitter; and

transmitting said transmitter control signal and at least one of said mass medium programming and said at least one instruct signal.

43. (New Claim) The method of claim 42, wherein a command is operative to control transmission of said mass medium programming, said method further having one step from the group consisting of:

receiving said command at one of said first transmitter station and said second transmitter station;

transmitting said mass medium programming to at least one of said first transmitter station and said receiver station in accordance with said command;

transmitting said mass medium programming from said first transmitter station in accordance with said command; and

controlling a selective transfer device to communicate said mass medium programming at said receiver station in accordance with said command.

E1
Crest

44. (New Claim) The method of claim 43, wherein said command is a transmission schedule, said method further comprising the step of transmitting at least one of a second unit of mass medium programming and a second of said at least one instruct signal according to said transmission schedule.

SUB 667

45. (New Claim) A method of signal processing in a network having a plurality of receiver stations, said method comprising the steps of:

- receiving at at least one receiver station at least one signal transmitted from a remote broadcast or cablecast transmitter station;
- assembling at least some of at least one processor instruction at a first of said plurality of receiver stations based on information contained in said at least one signal;
- communicating at least some part of and outputting a presentation containing mass medium programming at a second of said plurality of receiver stations based on information contained in said at least one processor instruction assembled at said first of said plurality of receiver stations; and
- outputting said mass medium programming and information to one of complete and supplement said mass medium programming at a third of said plurality of receiver stations.

46. (New Claim) The method of claim 45, wherein said received at least one signal is a television or radio signal, said method further comprising the step of detecting at least one control instruction in said received at least one signal.

47. (New Claim) The method of claim 45, wherein said received at least one signal is a multichannel broadcast or cablecast signal, said method further comprising the steps of:

selecting at least some part of said multichannel broadcast or cablecast signal in which to detect one or more control instructions; and

transferring said selected at least some part of said multichannel broadcast or cablecast signal to one of a control signal detector and a digital detector.

48. (New Claim) A method of signal processing in a network, said method comprising the steps of:

transmitting a signal to at least one of a plurality of stations;

controlling a transmitter station of said plurality of stations on the basis of said signal, said step of controlling said transmitter station comprising:

(1) generating information content of a portion of at least one control signal by processing stored information; and

(2) transmitting mass medium programming and said at least one control signal, said at least one control signal containing said information content generated in said step of generating;

controlling a first receiver station on the basis of said signal, said step of controlling said first receiver station comprising:

(1) receiving at least a portion of said mass medium programming and said at least one control signal; and

SUB 7
E1
Circuit

(2) communicating said at least a portion of said mass medium programming and said at least one control signal to a plurality of first processors and first output devices; and
controlling a second receiver station on the basis of said signal, said step of controlling said second receiver station comprising:

- (1) enabling at least one second output device to present output information that one of completes and supplements said mass medium programming; and
- (2) presenting, at said at least one second output device, said mass medium programming and said output information that one of completes and supplements said mass medium programming.

49. (New Claim) The method of claim 48, further comprising the steps of:
assembling at least a portion of a processor instruction in said network based on said generated information content; and
embedding said processor instruction into an information transmission containing said mass medium programming, said embedded processor instruction including said assembled at least a portion of said processor instruction.

50. (New Claim) The method of claim 48, further comprising the steps of:
placing, at said transmitter station, said generated information content into higher language code; and
assembling, at said transmitter station, said higher language code and said generated information content.

51. (New Claim) The method of claim 48, wherein said step of controlling said transmitter station further comprises selecting at least a segment of one of a television program, radio program, print program, and combined medium program, said at least a segment comprising at least a portion of said mass medium programming; said method further comprising the step of:

E1
Control
controlling, in response to a second control signal, a selective transfer device to communicate said selected at least a segment of one of a television program, radio program, print program, and combined medium program to one of a second processor and a third output device.

SUB
68
~~52. (New Claim) A method of signal processing in a network, said method comprising the steps of:~~

~~receiving mass medium programming at a transmitter station;
selecting data at said transmitter station;
communicating said selected data at said transmitter station in at least one control signal that, in said network:~~

- ~~(a) generates information content,~~
- ~~(b) communicates at least a portion of said mass medium programming and said at least one control signal to a plurality of processors and output devices,~~
- ~~(c) enables one of said plurality of processors and output devices to do at least one of communicate and present at least one of (i) output information that one of completes and supplements said mass medium~~

Sub 687
E' contest

~~programming, and (ii) said mass medium programming and said output information; and~~
~~transmitting said received mass medium programming and said at least one control signal from said transmitter station.~~

53. (New Claim) The method of claim 52, wherein said mass medium programming is one of at least a segment of a video program, audio program, print program, television program, and combined medium program.

~~54. (New Claim) A method of signal processing in a network, said method comprising the steps of:~~

~~receiving, at a first transmitter station, mass medium programming;~~

~~receiving, at said first transmitter station, at least one instruct signal which is effective to accomplish one of:~~

- ~~(a) effecting a second transmitter station to generate at least a portion of at least one control signal and transmit said at least one control signal, said transmitted at least one control signal including said generated at least a portion of said at least one control signal; and~~
- ~~(b) effecting at least one receiver station to (i) generate output information that one of completes and supplements said mass medium programming, (ii) communicate at least a portion of said mass medium programming and said output information to a plurality of processors and output devices, (iii) enable one of said plurality of processors and output devices to do one of communicate and present said output information, and (iv)~~

present said mass medium programming and said output
information;

receiving, at said first transmitter station, at least a portion of a transmitter station
control signal which operates at said second transmitter station to communicate one of
said at least one instruct signal and said mass medium programming to a transmitter of
said second transmitter station; and

transmitting, from said first transmitter station, said transmitter control signal,
said mass medium programming, and said at least one instruct signal.

55. (New Claim) The method of claim 54, wherein a command is operative to
control transmission of said mass medium programming, said method further comprising
the step of transmitting said mass medium programming to at least one of said first
transmitter station and said receiver station in accordance with said command.

56. (New Claim) The method of claim 55, wherein said command includes a
transmission schedule, and said mass medium programming includes at least a first unit
of mass medium programming and a second unit of mass medium programming, said
method further comprising the step of transmitting, according to said transmission
schedule, each of said first unit of mass medium programming and said second unit of
mass medium programming at least one of at different times from each other and on
different channels from each other.

57. (New Claim) A method of signal processing in a network having a
plurality of receiver stations, said method comprising the steps of:

SUB 69
E1
Cmsted

receiving, at at least one of said plurality of receiver stations, at least one signal transmitted from a remote one of a broadcast transmitter station and a cablecast transmitter station;

generating, at said at least one of said plurality of receiver stations, at least a portion of at least one processor instruction, based on first information contained in said at least one signal;

controlling, at said at least one of said plurality of receiver stations, at least one of (i) a plurality of processors and (ii) selective transfer devices, to communicate at least a portion of mass medium programming and at least one control signal; and

outputting, at said at least one of said plurality of receiver stations, said mass medium programming and output information that one of completes and supplements said mass medium programming.

SUB 610

58. (New Claim) The method of claim 57, wherein said received at least one signal is one of a television signal and a radio signal, said method further comprising the step of detecting at least one control instruction in said received at least one signal.

59. (New Claim) The method of claim 57, wherein said received at least one signal is one of a multichannel broadcast signal and a multichannel cablecast signal, said method further comprising the steps of:

selecting at least a portion of said multichannel signal in which to detect at least one control instruction ; and

transferring said selected at least a portion of said multichannel signal to one of a control signal detector and a digital detector.

60. (New Claim) The method of claim 54, wherein a command is operative to control transmission of said mass medium programming, said method further comprising the step of transmitting said mass medium programming from said first transmitter station in accordance with said command.

61. (New Claim) The method of claim 54, wherein a command is operative to control transmission of said mass medium programming, said method further comprising the step of controlling, at said receiver station, a selective transfer device to transmit said mass medium programming from said receiver station in accordance with said command.

62. (New Claim) A method of signal processing in a network having at least one intermediate transmitter station and at least one ultimate receiver station, said method comprising the steps of:

transmitting a first signal containing computer processing code to said at least one receiver station in said network;

first controlling said at least one intermediate transmitter station on the basis of information at least one of (i) contained in said first signal and (ii) communicated to be processed with said first signal, said step of first controlling comprising:

- (1) communicating said computer processing code to a storage location; and
- (2) storing said computer processing code at a said storage location;

second controlling said at least one intermediate transmitter station on the basis of information at least one of (i) contained in said first signal and (ii) communicated to be

processed with said computer processing code, said step of second controlling comprising:

- E1
deleted
- (1) selecting information pertaining to at least a mass medium programming segment;
 - (2) receiving a second signal;
 - (3) modifying said second signal by at least one of incorporating and embedding said selected information into at least a portion of said second signal; and
 - (4) transmitting said modified second signal and said at least a mass medium programming segment; and

outputting at said at least one ultimate receiver station at least a portion of a programming presentation containing said at least a mass medium programming segment, said at least a portion of a programming presentation outputted in accordance with information contained in said transmitted modified second signal.

63. (New Claim) The method of claim 62, wherein said at least a mass medium programming segment includes video and said at least a portion of a programming presentation appears at said at least one ultimate receiver station as a video image presented one of in combination with and sequentially with said at least a mass medium programming segment.

64. (New Claim) The method of claim 62, wherein said at least a mass medium programming segment includes audio and said at least a portion of a programming presentation is outputted at said at least one ultimate receiver station as

sound presented one of in combination with and sequentially with said at least a mass medium programming segment.

E1
C
65. (New Claim) The method of claim 62, wherein said at least a mass medium programming segment includes print and said at least a portion of a programming presentation is outputted at said at least one ultimate receiver station as an image printed one of in combination with and sequentially with said at least a mass medium programming segment.

66. (New Claim) The method of claim 62, wherein said information contained in said first signal is modified in accordance with information communicated in advance of said first signal, said method further comprising the step of receiving at said at least one intermediate transmitter station in advance of said first signal at least one of local-formula information, local-item information and a schedule.

67. (New Claim) The method of claim 62, wherein said information contained in said first signal is modified in accordance with information communicated to be processed with said first signal, said method further comprising the steps of:

receiving at said at least one intermediate transmitter station in advance of said first signal at least one of local-formula information, local-item information, an intermediate generation set, and a schedule; and

processing one of said local-formula information and said local-item

information in accordance with an instruct signal contained in said first signal.

68. (New Claim) The method of claim 67, wherein said first signal is modified by incorporating data into said first signal, said method comprising the step of generating at least a portion of said data to be incorporated into said first signal in accordance with said stored computer processing code.

E!
Crist
69. (New Claim) The method of claim 62, wherein said selected information in respect of said at least a mass medium programming segment includes at least one of at least a portion of one of (1) said at least a mass medium programming segment and (2) one of local-formula information and local-item information, said method further comprising the step of:

receiving said computer processing code at said at least one intermediate transmitter station.

70. (New Claim) The method of claim 69, wherein said computer processing code is an intermediate generation set, said method further comprising the step of detecting said intermediate generation set in one of said first signal and one of a broadcast and a cablecast information transmission transmitted from a remote station.

71. (New Claim) The method of claim 62, wherein one of said at least one ultimate receiver stations has a plurality of output devices and said at least a mass medium programming segment and said selected output information are outputted at different ones of said plurality of output devices.

72. (New Claim) The method of claim 62, further comprising the steps of: generating in said network at least a portion of a second signal containing at least one control instruction; and

adding said generated at least a portion of said second signal to said first signal.

E!
Cmody

73. (New Claim) The method of claim 62, further comprising the steps of:
placing data selected at one of said at least one intermediate transmitter station
and said at least one ultimate receiver station in said network into one of symbolic
language code and higher language code; and
one of assembling and compiling said one of symbolic language code and higher
language code and said inserted data.

74. (New Claim) The method of claim 62, wherein said at least a mass
medium programming segment is communicated at one of said at least one intermediate
transmitter station and said at least one ultimate receiver station in response to a control
signal, said method further comprising the steps of:
selecting at least one of a television program, a radio program, a print program,
and at least a combined medium programming segment; and
controlling a selective transfer device to communicate said selected at least one of
a television program, a radio program, a print program, and at least a combined medium
programming segment to one of a processor and an output device.

SUB
611

75. (New Claim) A method of signal processing in a network having at least
one origination station and at least one intermediate transmitter station, said method
comprising the steps of:

selecting mass medium programming in said network;
selecting computer processing code at one of said at least one origination station
and said at least one intermediate transmitter station and communicating said selected

*Sub 7
6/11*
*EI
cont*

~~computer processing code in at least one control instruction, said at least one control instruction effective at said at least one intermediate transmitter station to store a first signal, select a second signal containing said selected mass medium programming, and modify said selected second signal by at least one of incorporating and embedding information into said selected second signal in accordance with said stored first signal; and transmitting said modified second signal.~~

76. (New Claim) The method of claim 75, wherein said computer processing code includes at least one of an intermediate generation set, at least a portion of a schedule, a command, and at least one datum designating a file which is effective to serve as a basis for processing at least some of a program instruction set.

~~77. (New Claim) A method of signal processing in a network having a plurality of transmitter stations, each transmitter station being at least one of an origination station and an intermediate transmitter station, said method comprising the steps of:~~

~~receiving a command;
receiving at least one instruct signal which is effective to accomplish at least one of:~~

- G*
- (a) effecting a first of said plurality of transmitter stations to transmit mass medium programming and at least one processor instruction which is effective in said network to modify a signal containing said mass medium programming; and

(b) effecting an intermediate transmitter station to store a first signal, select a second signal containing mass medium programming, and modify said selected second signal by at least one of incorporating and embedding information into said selected second signal in accordance with said stored first signal;

E!
cont'd
receiving a transmitter control signal which operates at a second of said plurality of transmitter stations to communicate at least one of said at least one instruct signal and said command to a transmitter;

selecting at least one of said first signal, said second signal, and said at least one instruct signal based on said command; and

transmitting said transmitter control signal and said selected at least one of (i) said first signal, (ii) said second signal, and (iii) said at least one instruct signal.

78. (New Claim) The method of claim 77, wherein said command and said at least one instruct signal include a plurality of a schedule, an instruct signal which is effective at least one of to generate and to transmit a schedule, an intermediate generation set, and at least one datum designating a file which is effective to serve as a basis for processing at least a portion of a program instruction set.

543
612
79. (New Claim) A method of signal processing in a network having a plurality of transmitter stations, said method comprising the steps of:

receiving in said network a first signal containing computer processing code;
storing said first signal at a first of said plurality of transmitter stations based on information contained in said first signal;

513
627
E'
Cmst

receiving and modifying a second signal containing mass medium programming at a second of said plurality of transmitter stations by at least one of incorporating and embedding information into said selected second signal based on at least one of said information contained in said first signal and information received from said first of said plurality of transmitter stations; and

transmitting said modified second signal.

80. (New Claim) The method of claim 79, wherein said first signal contains an intermediate generation set to be transmitted in advance of said second signal, said method further comprising the step of
transmitting said first signal.

81. (New Claim) The method of claim 79, wherein said received first signal is one of a multichannel broadcast and a multichannel cablecast signal, said method further comprising the steps of:

selecting at least a portion of said one of a multichannel broadcast and a multichannel cablecast signal in which to detect at least one control instruction; and

transferring said selected at least a portion of said one of a multichannel broadcast and a multichannel cablecast signal to a detector.

513
637

82. (New Claim) A method for enabling at least one of a video programming storage device and an audio programming storage device to deliver information, said at least one of said video programming storage device and said audio programming storage device including at least one storage location capable of storing at least one of video programming and audio programming, a transfer device capable of communicating at

503
6131
E1
Carter

least one of video programming and audio programming at least one of to and from said at least one storage location, and a processor capable of at least one of (1) controlling said at least one storage location to at least one of receive, store, and communicate said at least one of video programming and audio programming and (2) controlling said transmission to communicate said one of video programming and audio programming, said method comprising the steps of:

receiving a signal containing said at least one of said video programming and said audio programming;

communicating said received signal containing said one of said video programming and said audio programming to said at least one storage location;

storing said received signal containing said at least one of said video programming and said audio programming at said at least one storage location; and

storing at least one of computer processing code and data pertaining to said at least one of said video programming and said audio programming at said at least one of said video programming storage device and said audio programming storage device.

83. (New Claim) The method of claim 62, wherein said information contained in said first signal is modified in accordance with information communicated in advance of said first signal, said method further comprising the step of processing at least a portion of said first signal in accordance with at least one of an intermediate generation set and a schedule.

84. (New Claim) The method of claim 62, wherein said information contained in said first signal is modified in accordance with information communicated to be processed with said first signal, said method further comprising the steps of:

receiving at said at least one intermediate transmitter station in advance of said first signal at least one of local-formula information, local-item information, an intermediate generation set, and a transmission schedule; and

processing at least a portion of said information contained in said first signal in accordance with one of said intermediate generation set and said transmission schedule.

E!
Cantley

85. (New Claim) The method of claim 67, wherein said first signal is modified by incorporating data into said first signal, said method comprising the step of assembling at least one processor instruction to be incorporated into said first signal.

86. (New Claim) The method of claim 67, wherein said first signal is modified by incorporating data into said first signal, said method comprising the step of generating a second signal to be incorporated into said first signal in accordance with said stored computer processing code.

87. (New Claim) The method of claim 67, wherein said first signal is modified by incorporating data into said first signal, said method comprising the step of incorporating at least one of a software module, a data module, and a program instruction set into said first signal in accordance with said stored computer processing code.

SUB
6147

88. (New Claim) The method of claim 79, wherein said first signal contains an intermediate generation set to be transmitted in advance of said second signal, said method further comprising the step of transmitting at least one of local-formula information and local-item information.

SUB 7
6/14

EI
concl

89. (New Claim) The method of claim 79, wherein said first signal contains an intermediate generation set to be transmitted in advance of said second signal, said method further comprising the step of transmitting at least one datum designating a file which is effective to serve as a basis for processing at least a portion of a program instruction set.

90. (New Claim) The method of claim 82, wherein said storage device includes a network.

91. (New Claim) The method of claim 90, wherein said network includes at least one of a broadcast and a cablecast transmitter station.

92. (New Claim) The method of claim 82, further comprising the step of receiving at least one control signal which operates to output said at least one storage location.

93. (New Claim) The method of claim 92, further comprising the step of storing said at least one control signal.

94. (New Claim) The method of claim 92, wherein said control signal comprises a schedule.
